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ABSTRACT

Information in this report about approvals, terminations, and adjustments in doctoral programs in the Western States was compiled from a survey of private institutions and state higher education agencies in the 13 states of the Western Interstate Commission for Higher Education. The report covers the period from July 1, 1977 through June 30, 1978, and information about program changes at both private and public institutions from July 1, 1974 through June 30, 1977, is also included in summary form. The program status information at public institutions submitted by the state higher education agency may not list all program terminations because termination decisions are often made internally at institutions and not reported to the state agency. (SW)

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# Project on Expanding Regional Cooperation in Graduate & Professional Education

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Improving Education in The West

## WICHE

The Western Interstate Commission for Higher Education is a nonprofit agency created in the 1950s by the governors and legislatures of the 13 western states. Through interstate sharing and research, WICHE helps states provide high-quality, cost-effective higher education to meet the human resource needs of the states and the education needs of the citizens. WICHE serves Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

## Project Intent

WICHE's project on Expanding Regional Cooperation in Graduate and Professional Education encourages resource sharing in graduate and professional education in the West by providing information about these programs throughout the region. The project is establishing an information system that will enable higher education decision makers to plan for the future of graduate and professional education from a regional perspective. The graduate education project is supported by a two-year grant from the Carnegie Corporation of New York and by WICHE state dues through its Student Exchange Program.

The project seeks to improve the effectiveness and efficiency of graduate education in the West so that both students and taxpayers are better served.

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# APPROVED, TERMINATED, OR ADJUSTED DOCTORAL PROGRAMS AT INSTITUTIONS IN WESTERN STATES

For the Period July 1, 1974,
Through June 30, 1978

Lilla E. Engdahl, Ph.D.

November 1978

Report 78-3

Western Interstate Commission for Higher Education
*An Affirmative Action/Equal Opportunity Employer*

P.O. Drawer P Boulder, Colorado 80302

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ACKNOWLEDGEMENTS

This report Approved, Terminated, or Adjusted Doctoral Programs at Institutions in the Western States is intended to assist educators by providing regionwide information about doctoral program changes occurring from July 1, 1977, through June 30, 1978. Information about program changes at both private and public institutions from July 1, 1974, through June 30, 1977, is also included in summary form.

We extend our sincere appreciation to all who responded to our survey. The report would not have been possible without the interest and cooperation of the following private institutions and state higher education agencies:

Private Institutions:

Alaska Methodist University, Raghbir S. Basi, Executive Dean for Academic Affairs

American Baptist Seminary of the West

California Institute of Technology

Claremont Graduate School, Nedra Donnelly, Registrar

Fuller Theological Seminary

Golden Gate University, Otto Butz, President

Graduate Theological Union, Elizabeth K. Over, Assistant Dean and Common Registrar

Loma Linda University, Norman J. Woods and Lottie Ziprick

School of Theology at Claremont, Sook-Chung Kim, Registrar

Stanford University

University of Santa Clara, Christine Woodward

University of Southern California, Nelson T. Horn, Associate Dean

University of the Pacific, Reuben W. Smith, Dean

The Wright Institute

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Biola College, Inc., Graduate Division

Rand Graduate Institute of Policy Studies, Sue Bourdon

University of Denver

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Brigham Young University, Robert W. Laird

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# INTRODUCTION

This publication, the second annual report of doctoral program changes at institutions in the West, is a service of the WICHE Project on Expanding Regional Cooperation in Graduate and Professional Education. Information in this report about approvals, terminations, and adjustments in doctoral programs was compiled from a survey of private institutions and state higher education agencies in the thirteen WICHE states. The program status information at public institutions submitted by the state higher education agency may not list all program terminations because termination decisions are often made internally at institutions and not reported to the state agency.

This report presents information and data about program changes at the doctoral level at institutions in the West with no attempt at analysis. However, some observations related to data for each of the past four years and in summary form for the four-year period may be helpful.

In the thirteen western states 56 new programs were approved during the four-year period, July 1, 1974, through June 30, 1978. In that same period 21 programs were terminated while adjustments, primarily title changes, were made in 43 programs. There were ten new health programs, more than in any other field, and no health programs were terminated.

Eight new programs in biological sciences were reported during the four years, with six each reported in education and social sciences. Two programs were terminated in biological and social sciences, while one education program was discontinued. Program areas in which the most programs were phased out were

foreign languages, letters, and physical sciences, with three each. This trend is similar to the national movement away from the liberal arts disciplines and toward the professional/occupational fields.

Initiation of new programs was greater during 1977-78 than for any of the previous years, with nine new programs at public institutions and seven at private institutions becoming operational. However, the number of new programs at public institutions was down from the twelve begun the previous year. Overall, fewer programs were terminated this past year than in 1976-77, when three programs in foreign language and three in physical sciences were discontinued as well as one each in engineering, home economics, and letters. Four new programs offered jointly by two or more institutions were reported. The number of jointly developed and offered programs may increase in the future.

A striking phenomenon of this past year is the large number of adjustments made in existing programs. It should be noted that these changes were primarily changes in classification only. Programs previously given an interdisciplinary classification became applied programs within single discipline classifications.

A summary of the program changes is displayed for each of the past four years by HEGIS discipline specialties in Table A.

If the number of private institutions is compared with the large number of public institutions in the region, it becomes apparent that more program changes, proportionately, have occurred at private institutions. Reasons

Table A

SUMMARY OF PROGRAM CHANGES JULY 1, 1974, THROUGH JUNE 30, 1978

| HEGIS Code | Discipline Specialties | 1974-78 Appr. | 1974-78 Term. | 1974-78 Adj. | 1977-78 Appr. | 1977-78 Term. | 1977-78 Adj. | 1976-77 Appr. | 1976-77 Term. | 1976-77 Adj. | 1975-76 Appr. | 1975-76 Term. | 1975-76 Adj. | 1974-75 Appr. | 1974-75 Term. | 1974-75 Adj. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100 | Agriculture and Natural Resources | 1 | 1 | | | | | | | | 1 | 1 | | | | |
| 200 | Architecture and Environmental Design | 1 | | | | | | | | | 1 | | | | | |
| 300 | Area Studies | | | | | | | | | | | | | | | |
| 400 | Biological Sciences | 8 | 2 | 3 | 3 | | 1 | 3 | 1 | 2 | 1 | | | 1 | 1 | |
| 500 | Business & Management | 2 | 1 | | | | | | | | 1 | 1 | | 1 | | |
| 700 | Computer & Information Services | 2 | | | | | | | | | | | | 2 | | |
| 800 | Education | 6 | 1 | 2 | 3 | 1 | 2 | 2 | | | 1 | | | | | |
| 900 | Engineering | 1 | 2 | | | | | | 1 | | 1 | | | | 1 | |
| 1000 | Fine & Applied Arts | 3 | 1 | | 2 | 1 | | | | | | | | 1 | | |
| 1100 | Foreign Languages | | 3 | | | | | | 3 | | | | | | | |
| 1200 | Health Professions | 10 | | 1 | 5 | | | 3 | | | | | 1 | 2 | | |
| 1300 | Home Economics | | 1 | | | | | | 1 | | | | | | | |
| 1400 | Law | 2 | | | 1 | | | 1 | | | | | | | | |
| 1500 | Letters | 1 | 3 | | | 2 | | 1 | 1 | | | | | | | |
| 1600 | Library Science | 1 | | | | | | 1 | | | | | | | | |
| 1700 | Mathematics | 2 | | 1 | | | 1 | 1 | | | 1 | | | | | |
| 1900 | Physical Sciences | 1 | 3 | 4 | | | 4 | 1 | 3 | | | | | | | |
| 2000 | Psychology | 1 | | | | | | | | | | | | 1 | | |
| 2100 | Public Affairs & Services | 2 | | | | | | | | | 1 | | | 1 | | |
| 2200 | Social Sciences | 6 | 2 | | 1 | 1 | | 1 | | | 3 | 1 | | 1 | | |
| 2300 | Theology | 3 | | 2 | 1 | | | | | | | | 1 | 2 | | 1 |
| 2400 | Interdisciplinary | 3 | 1 | 30 | | 1 | 30 | | | | 3 | | | | | |
| | TOTAL | 56 | 21 | 43 | 16 | 6 | 38 | 14 | 10 | 2 | 14 | 3 | 2 | 12 | 2 | 1 |

undoubtedly vary; however, the flexibility that private institutions have with their own governance structure may make change decisions less complicated.

A summary of the total program changes made at public and at private institutions is displayed for each of the past four years in Table B.

Data compiled in the study are reported in five tables.

Table 1 reports changes which occurred from July 1, 1977, through June 30, 1978. Changes at both public and private institutions are reported. Because the first annual survey did not yield information about private institutions, the second annual survey was sent to each of the doctoral degree awarding private institutions in the West as listed in the Education Directory, Colleges and Universities 1977-78, published by the National Center for Educational Statistics. Table 2 displays reported changes from July 1, 1974, through June 30, 1977, for private institutions and Table 3, repeated from Report 78-1, displays changes for the same time period for public institutions. A summary of program changes at private institutions from July 1, 1974, through June 30, 1977, is reported by HEGIS categories in Table 4.

Table 5 displays a detailed report of doctoral program changes by HEGIS categories at all western institutions from July 1, 1977, through June 30, 1978. A brief description of each program and the changes made in it are included in this table. For those instances in which the respondent did not give the HEGIS code for a program, the space for the four-digit HEGIS code is blank. However, the program is listed under the general two-digit code which appeared most appropriate from the program description.

Table B

SUMMARY OF PROGRAM CHANGES AT PUBLIC AND PRIVATE INSTITUTIONS

JULY 1, 1974, THROUGH JUNE 30, 1978

| Institutional Governance | Approved | Terminated | Adjusted | Total |
|---|---|---|---|---|
| 1974-75 | | | | |
| Public | 8 | 1 | 0 | 0 |
| Private | 4 | 1 | 1 | 6 |
| Total | 12 | 2 | 1 | 15 |
| 1975-76 | | | | |
| Public | 11 | 2 | 1 | 14 |
| Private | 3 | 1 | 1 | 5 |
| Total | 14 | 3 | 2 | 19 |
| 1976-77 | | | | |
| Public | 12 | 7 | 2 | 21 |
| Private | 2 | 3 | 0 | 5 |
| Total | 14 | 10 | 2 | 26 |
| 1977-78 | | | | |
| Public | 9 | 2 | 35 | 46 |
| Private | 7 | 4 | 3 | 14 |
| Total | 16 | 6 | 38 | 60 |
| 1974-78 | | | | |
| Public | 40 | 12 | 9 | 61 |
| Private | 16 | 9 | 5 | 30 |
| Total | 56 | 21 | 14 | 91 |

Table 1

SUMMARY

OF

DOCTORAL PROGRAMS[a] IN THE 13 WESTERN STATES

APPROVED, TERMINATED, OR ADJUSTED

JULY 1, 1977, THROUGH JUNE 30, 1978

| PUBLIC INSTITUTIONS | | | |
|---|---|---|---|
| State | Approved | Terminated | Adjusted |
| Alaska | None | None | Atmospheric Sciences<br>Space Physics |
| Arizona | None | None | None |
| California | Animal Behavior 0499<br>Education: Multi-Cultural Emphasis 0899<br>Jurisprudence and Social Policy 1499[b]<br>Mental Health 1299 D.M.H.[b] | None | None |
| Colorado | Nursing 1203 | Higher Education 0805 | Applied Mathematics<br>Applied Chemistry<br>Applied Physics 1902<br>Interdisciplinary Programs 9404 (29 programs) |
| Hawaii | None[c] | None | None |
| Idaho | None | None | None |
| Montana | None | None | None |
| Nevada | Sociology | None | None |
| New Mexico | None | None | None |
| Oregon | Education 0827<br>Community College Personnel<br>Public School Administration | None | None |
| Utah | None | Comparative Literature 1503 | None |
| Washington | Nursing Sciences 1203 | None[d] | None |
| Wyoming | None | None | None |

| PRIVATE INSTITUTIONS | | | |
|---|---|---|---|
| Institution | Approved | Terminated | Adjusted |
| Alaska Methodist University | Education 0801 Ed.D. | None | None |
| American Baptist Seminary of the West | Doctor of Ministry 2301 | None | None |
| California Institute of Technology | None | None | None |
| Claremont Graudate School | Musical Arts, D.M.A. 1004<br>Music 1006 | Individual Degrees 4999 | Education 0827 |
| Fuller Theological Seminary | None | None | None |
| Golden Gate University | None | None | None |

continued on next page

[a] Ph.D. unless otherwise noted.

[b] Program approved 1976-77, to be offered Winter 1978.

[c] Public Health, Dr.P.H. under consideration for approval.

[d] Program reported under consideration for change:
English 1501
Washington State University, decision on termination will be made June 1979
History 2205
Washington State University, decision on termination will be made June 1979

NOTE: The two above program termination decisions were incorrectly reported to be made in June 1978 in the Supplement to Report 78-1. The correct decision date is June 1979.

| PRIVATE INSTITUTIONS | | | |
|---|---|---|---|
| Institution | Approved | Terminated | Adjusted |
| Graduate Theological Union | None | None | None |
| Loma Linda University | Public Health in Epidemiology Dr.P.H. | None | None |
| San Francisco Theological Seminary | None | None | None |
| School of Theology at Claremont | None | None | None |
| Stanford University | Cancer Biology 0499 | None | None |
| University of Santa Clara | None | None | None |
| University of Southern California | None | Urban Studies 2214 | Pharmacology (nutrition) 0409 |
| University of the Pacific | None | English, Doctor or Arts Visual Sciences | None |
| The Wright Institute | None[e] | None | None |
| California School of Professional Psychology | None | None | None |
| Fresno | None | None | None |
| Biola College | None | None | None |
| Rand Graduate Institute of Policy Sciences | None | None | None |
| University of Denver | Biological Sciences | None | Education |
| Iliff School of Theology | None | None | None |
| Brigham Young University | None | None | None |

[e]Interdisciplinary Social Science (General Systems Theory). The Wright Institute. This program is under consideration for approval.

Table 2

SUMMARY OF DOCTORAL* PROGRAMS IN PRIVATE INSTITUTIONS IN THE 13 WESTERN STATES

APPROVED, TERMINATED, OR ADJUSTED JULY 1, 1974, THROUGH JUNE 30, 1977

| Institution | July 1, 1974 - June 30, 1975 | | | July 1, 1975 - June 30, 1976 | | | July 1, 1976 - June 30, 1977 | | |
|---|---|---|---|---|---|---|---|---|---|
| | Approved | Terminated | Adjusted | Approved | Terminated | Adjusted | Approved | Terminated | Adjusted |
| Alaska Methodist University | None | None | None | None | None | None | None | None | None |
| American Baptist Seminary of the West | None | None | None | None | None | None | None | None | None |
| California Institute of Technology | None | None | None | None | None | None | None | None | None |
| Claremont Graduate School | Executive Management & Administration 0506 | None | None | None | None | None | None | None | None |
| Fuller Theological Seminary | Missiology Ph.D. Miss. | None | Doctor of Theology (Th.D.) became Doctor of Philosophy (Ph.D.) | None | None | None | None | None | None |
| Golden Gate University | None | None | None | None | None | None | None | None | None |
| Graduate Theological Union | (Joint Ph.D.) Near Eastern Religions | None | None | None | None | Religion & Education | None | None | None |
| Loma Linda University | None | None | None | None | None | None | None | None | None |
| San Francisco Theological Seminary | None | None | None | None | None | None | None | None | None |
| School of Theology at Claremont | None | None | None | None | None | None | None | None | None |
| Stanford University | None | None | None | None | None | None | None | None | None |
| University of Santa Clara | None | None | None | None | None | None | None | None | None |

*Ph.D. unless otherwise indicated.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| University of Southern California | Craniofacial Biology | None | None | Business Administration<br>Urban & Regional Planning | Business 0506 DBA | None | Biometry<br>Physical Therapy | None | None |
| University of the Pacific | None | None | None | None | None | None | None | None | None |
| The Wright Institute | None | None | None | Psycho-Social Development & Education | None | None | None | None | None |
| California School of Professional Psychology at Fresno | None | None | None | None | None | None | None | None | None |
| Biola College | None | None | None | None | None | None | None | None | None |
| Rand Graduate Institute of Policy Studies | None | None | None | None | None | None | None | None | None |
| University of Denver | None | Engineering: Clinical, Electrical, Mechanical Sci., Environment | None | None | None | None | None | None | None |
| Iliff School of Theology | None | None | None | None | None | None | None | None | None |
| Brigham Young University | None | None | None | None | None | None | None | English<br>Spanish<br>German | None |

No information was received from United States International University or the Pacific School of Religion.

Table 3

SUMMARY OF DOCTORAL* PROGRAMS IN PUBLIC INSTITUTIONS IN THE 13 WESTERN STATES
APPROVED, TERMINATED, OR ADJUSTED JULY 1, 1974, THROUGH JUNE 30, 1977

(From Report 78-1)

| State | July 1, 1974 - June 30, 1975 | | July 1, 1975 - June 30, 1976 | | July 1, 1976 - Dec. 31, 1976 | | Jan. 1, 1976 - June 30, 1977 | | |
|---|---|---|---|---|---|---|---|---|---|
| | Approved | Terminated | Approved | Terminated | Approved | Terminated | Approved | Terminated | Adjusted |
| ALASKA | None | None | None | None | None | None | None | None | None |
| ARIZONA | Music Theory<br>Nursing | None | None | None | Mineral Economics | None | Higher Education (Ph.D. & Ed.D.)<br>Applied Mathematics | None | 1977--Cellular & Developmental Biology<br>1977--Ecology & Evolutionary Biology |
| CALIFORNIA | Clinical Psychology<br>Computing Sciences | None | Medical Anthropology<br>Energy & Resources<br>Social Ecology<br>Sociology | Criminology | Neurosciences<br>Immunology<br>Library & Information Services | None | Applied Linguistics<br>Mental Health (DMH)<br>Jurisprudence & Social Policy | None | None |
| COLORADO | Political Science | None | Public Administration (DPA) | None | None | None | None | None | None |
| HAWAII | None | None | None | None | None | None | None | None | None |
| IDAHO | None | None | Mechanical Engineering | Agricultural Economics | None | None | None | None | None |
| MONTANA | None | None | None | None | None | None | None | None | None |
| NEVADA | None | None | None | None | None | None | Sociology | None | None |
| NEW MEXICO | None | None | Sociology | None | None | None | None | None | None |
| OREGON | None | None | Forest Science<br>Urban Studies-Criminal Justice Option<br>Human Genetics | None | None | Home Management<br>Nutrition<br>Metallurgical Engineering | None | None | 1976--Consolidated 3 specialized pharmacy programs into Pharmacy |
| UTAH | Computer Science<br>Pharmacy (Pharm. D.) | None | None | None | Special Education | None | Nursing | None | None |
| WASHINGTON | Social Welfare | Comparative Psychology (Jan. 1974) | Applied Mathematics | None | None | None | None | Chemistry (Doctor of Arts) at 2 institutions<br>Germanics (Doctor of Arts)<br>Physics (Doctor of Arts) | None |
| WYOMING | None | None | None | None | None | None | None | None | None |

*Ph.D. unless otherwise indicated.

**Program to be offered initially Winter, 1978.

Table 4

SUMMARY

PROGRAM CHANGES

JULY 1, 1974, THROUGH JUNE 30, 1977

DETAILED REPORT BY FOUR-DIGIT HEGIS CODE

PRIVATE INSTITUTIONS

| HEGIS Code | Program | State | Approved | Terminated | Adjusted |
|---|---|---|---|---|---|
| 0200 | ARCHITECTURE AND ENVIRONMENTAL DESIGN | | | | |
| 0206 | Urban and Regional Planning<br>University of Southern California | CA | 75-76 | | |
| 0400 | BIOLOGICAL SCIENCES | | | | |
| 0419 | Biometry, Ph.D.<br>University of Southern California | CA | 76-77 | | |
| 0499 | Craniofacial Biology, Ph.D.<br>University of Southern California | CA | 74-75 | | |
| 0500 | BUSINESS AND MANAGEMENT | | | | |
| 0506 | Executive Management Administration<br>Claremont Graduate School | CA | 74-75 | | |
| 0506 | Business Administration, Ph.D.<br>University of Southern California | CA | 75-76 | | |
| 0506 | Business, D.B.A.<br>University of Southern California | | | 75-76 | |
| 0300 | EDUCATION | | | | |
| 0899 | Psycho-Social Development and Education<br>The Wright Institute | CA | 75-76 | | |
| 0900 | ENGINEERING | | | | |
| | Engineering: Chemical; Electrical; Mechanical Sciences; and Environmental<br>University of Denver | CO | | 74-75 | |
| 1100 | FOREIGN LANGUAGES | | | | |
| 1103 | German<br>Brigham Young University | UT | | 76-77 | |
| 1105 | Spanish<br>Brigham Young University | UT | | 76-77 | |
| 1200 | HEALTH PROFESSIONS | | | | |
| 1212 | Physical Therapy, Ph.D.<br>University of Southern California | CA | 76-77 | | |
| 1500 | LETTERS | | | | |
| 1501 | English<br>Brigham Young University | UT | | 76-77 | |
| 2300 | THEOLOGY | | | | |
| 2301 | Missiology, Ph.D. Miss.<br>Fuller Theological Seminary, School of World Mission | CA | 74-75 | | |
| 2301 | Theology, Ph.D.<br>Fuller Theological Seminary, School of Theology<br>The nomenclature changed from Doctor of Theology to Doctor of Philosophy. The program remained the same. | CA | | | 74-75 |
| 2304 | Religion and Education, Ph.D.<br>Graduate Theological Union | CA | | | 75-76 |
| 2399 | Near Eastern Religions, Joint Ph.D.<br>Graduate Theological Union--University of California at Berkeley | CA | 74-75 | | |

Table 5

PROGRAM CHANGES 1977-78

DETAILED REPORT BY FOUR-DIGIT HEGIS CODE

| HEGIS Code | | State | Approved | Terminated | Adjusted |
|---|---|---|---|---|---|
| 0400 | BIOLOGICAL SCIENCES | | | | |
| ____ | Biological Sciences, Ph.D.<br>University of Denver, School of Arts and Sciences, Department of Biological Sciences<br><br>Program Description: Specialization areas of this program include Molecular Developmental Biology; Micro-Biology; Cell Biology; Physiology; Ecology.<br><br>Justification: Combined M.A./Ph.D. programs attract increased numbers of students Competent faculty is currently on staff.<br><br>Program Status: The program is currently operative. Anticipated degrees in first five years--3. Anticipated students to be accepted into program:<br><br>first year 1<br>second year 3<br>third year 3 | CO | X | | |
| 0409 | Pharmacology (nutrition), Ph.D.<br>University of Southern California, College of Medicine, Department of Pharmacology and Nutrition.<br><br>Program Description: The program provides training and research in the contribution of nutrients in normal physiological function, growth and development, and in the prevention and the treatment of certain derangements of normal function recognized as disease states, together with the rationale for and mechanism of action of therapeutic agents in the treatment of disease.<br><br>Reason for Adjustment: The changes represent an alteration in the traditional doctoral curriculum.<br><br>Program Status: Initial operation--Fall 1978.<br>Approved at Institutional Level--May 1978 | CA | | | X |
| 0499 | Animal Behavior, Ph.D.<br>University of California, Davis. Interdisciplinary<br><br>Program Description: Emphasis on the evolutionary bases of animal behavior.<br><br>Justification: It is expected that the program will place most of its graduates in the academic community as teachers and researchers. Only four other programs of comparable quality exist in the country.<br><br>Program Status: Initial operation--Winter 1978. Anticipated number of degrees to be conferred in first five years--20. Anticipated number of students to be accepted into program:<br><br>first year 10<br>second year 12<br>third year 12 | CA | X | | |

| HEGIS Code | | State | Approved | Terminated | Adjuste |
|---|---|---|---|---|---|
| 0499 | Cancer Biology<br>Stanford University<br><br>Program Description: This program is designed to provide a framework for students with an interest in the understanding and control of neoplastic growth to build a curriculum in varied biomedical areas relevant to the subject. Students are based in departments appropriate to their speciality and are subject to core requirements.<br><br>Justification: Not available.<br><br>Program Status: Initial operation--Autumn 1978. Anticipated number of degrees to be conferred in first three years--12-15. Anticipated number of students to be accepted into the program:<br><br>first year 8<br>second year 7<br>third year 7 | CA | X | | |
| 0800 | EDUCATION | | | | |
| 0805 | Education: Higher Education, Ph.D., Ed.D.<br>University of Colorado, Graduate School, Department of Education<br><br>Program Description: Higher Education Administration in community colleges and four-year colleges and universities was initiated in Fall 1971.<br><br>Justification: Reasons for termination include lack of adequate resources to carry on a quality program as well as lack of student enrollment. It was terminated by the Executive Committee of the University of Colorado Graduate School.<br><br>No students accepted into program after June 1978.<br><br>1977-78 fall enrollment--21.<br><br>10 doctoral degrees conferred, 1976-77. | CO | | X | |
| 0827 | Education, Ed.D.<br>Portland State University, School of Education<br><br>Program Description: One area of specialization in this program is preparing of Community College Personnel. It is a joint program with Oregon State University and the University of Oregon.<br><br>Another area of specialization for this program is Public School Administration. It is a joint program with the University of Oregon. | OR | X | | |

| HEGIS Code | | State | Approved | Terminated | Adjusted |
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| 0827 | Education, Ed.D. (continued)<br><br>Justification: The program is proposed to upgrade the knowledge and skills of already employed administrators.<br><br>Program Status: The program was approved by the Board of Education and will be reviewed by the Oregon Educational Coordinating Commission.<br><br>Proposed initial operation--Fall 1978.<br><br>Anticipated number of students to be accepted into the program:<br>first year 20<br>second year 20<br>third year 20 | | | | |
| ____ | Education, Ed. D. Joint AMU-USC<br>Alaska Methodist University, Graduate College, Department of Academic Affairs<br><br>Program Description: Two specialties will be offered at first: Educational Administration and Curriculum Development.<br><br>Justification: The program is offered through a consortium arrangement with the University of Southern California.<br><br>Program Status: Approval for program operation has been requested. Initial operation--Fall 1979. Anticipated number of degrees to be conferred in first five years--40. Anticipated number of students to be accepted into the program: First year--40. | AL | X | | |
| 0827 | Education, Joint Ph.D. CGS-SDSU<br>Claremont Graduate School<br><br>Program Description: This is a joint doctoral program with special emphasis on the problems of educating a pluralistic society. The multicultural emphasis is intended to prepare students to be conversant with the problems which such diversity brings with a particular emphasis; e.g., teaching and learning, the organization and administration of schools at various levels, etc.<br><br>Reason for Adjustment: While not a new program as such, only the addition of an "emphasis" at the administrative level, this is a novel venture in inter-institutional cooperation. The California Master Plan calls for such joint degrees. This is the first joint doctoral degree in California under that plan, however, involving a public and independent institution. Complementary resources for the degree are provided by San Diego State University in the multicultural area and Claremont Graduate School in fundamental theory and research methodology.<br><br>(See 0899 for additional description, justification, and status.) | CA | | | X |

| HEGIS Code | | State | Approved | Terminated | Adjusted |
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| 0899 | Education (with Multi-Cultural Emphasis), Ph.D.<br>San Diego State University and Claremont Graduate School, Department of Education<br><br>Program Description: The purpose of this program is to prepare "scholar practitioners" who can address the cultural, social, and economic factors which underlie inequities in educational opportunity.<br><br>Justification: Most candidates, it is assumed, will already be employed in settings in which this degree will aid in effective functioning and career advancement.<br><br>Program Status: Initial operation--Fall 1978<br>Approval has been granted.<br>Anticipated degrees in first five years--25. Anticipated students to be accepted into program:<br><br>first year 12<br>second year 24<br>third year 36 | CA | X | | |
| ___ | Education<br>University of Denver, College of Arts and Sciences, School of Education<br><br>Program Description: Two research tools will be required of all candidates. They may be chosen among languages, statistics, and computer sciences.<br><br>Reason for Adjustment: There is increased emphasis upon the Ph.D. as a research degree. The purpose was not to weaken the practicality of the Ed.D. degree.<br><br>Program Status: Candidates after January 1979 will be accepted into the Ph.D. program only. Current candidates for the Ed.D. may make the transition to the Ph.D. program prior to June 1979. | CO | | | X |
| 1000 | FINE AND APPLIED ARTS | | | | |
| 1004 | Musical Arts, D.M.A.<br>Claremont Graduate School, Department of Music<br><br>Program Description: This program was designed with special emphases on the study of performance practices. Degrees may be granted in one of two majors, performance or composition.<br><br>Justification: Assessment of demand and supply was informal. The program will be very small. It represents the culmination of a long-held internal plan and is made possible by a coalescence of significant faculty resources in the Claremont Colleges rather than a plan to secure new resources. The graduate program has received significant endowment over the last five years. | CA | X | | |

| HEGIS Code | | State | Approved | Terminated | Adjusted |
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| 1004 | Musical Arts, D.M.A. (continued)<br><br>Program Status: Initial operation--Fall 1978.<br>No degrees to be conferred in first five years (seven-year time limit for completion)<br>Anticipated students to be admitted:<br><br>first year 2<br>second year 5<br>third year 8 | | | | |
| 1006 | Music, Ph.D.<br>Claremont Graduate School, Department of Music<br><br>Program Description: This program was designed to place special emphasis on the study of performance practices. This emphasis is an integral part of the historical era courses offered in musicology.<br><br>Justification: Assessment of demand and supply was informal. The program will be very small. It represents the culmination of a long-held internal plan and is made possible by a coalescence of significant faculty resources in the Claremont Colleges rather than a plan to secure new resources. The graduate program has received significant endowment over the last five years.<br><br>The emphasis of the graduate program at Claremont is on "Performance Practices." This is a bridging emphasis which can lead to degrees either toward the practice or toward the theoretical side. Hence, two degree options flow integrally from the specialization of the program.<br><br>Program Status: Initial operation--Fall 1978.<br>No degrees expected to be conferred in first five years (seven-year time limit for completion).<br>Anticipated number of students to be accepted into program:<br><br>first year 1<br>second year 4<br>third year 7 | CA | X | | |
| ____ | Visual Sciences, Ph.D.<br>University of the Pacific, The Graduate School<br><br>Program Description: The nature of the program is individualized, tutored, and research-oriented. Academically, the student is expected to assimulate sufficient knowledge to permit him to function confidently and completely within his field of specialization. Program was initiated in the Fall of 1968 and no new students will be accepted after Fall 1978. The last full year of operation is 1978-79, with one student enrolled. | CA | | X | |

| HEGIS Code | | State | Approved | Terminated | Adjusted |
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1099 Visual Sciences, Ph.D. (continued)

Justification: The program is being terminated due to the pending separation of Pacific Medical Center and University of the Pacific. The decision was made by the Committee on Graduate Studies and Academic Affairs.

1200 HEALTH PROFESSIONS

1203 Nursing Sciences, Ph.D. — WA — X
University of Washington, School of Nursing

Program Description: The purpose of the program is:

1. To prepare scholars in nursing to meet the recognized need for expanding the base of knowledge in nursing . . .

2. To provide an educational structure which directly facilitates the pursuit of advanced study and research training in the field of primary interest. . .

3. To prepare persons to meet the substantial state, regional, and national need for doctorally prepared faculty inschools of nursing in universities and for leadership positions in key service agencies. . .

Students in the program are expected to concentrate on two of the five fields offered and to acquire basic knowledge in the other three. The five areas are: Individual Adaptation to Wellness and Illness; Family Adaptation to Wellness and Illness; Environments, Supporting and Nonsupporting; Clinical Therapeutics: Interpersonal; Clinical Therapeutics: Physical.

Justification: Estimates of need for doctorates in nursing are sufficient to suggest that the program will not create an oversupply of graduates at this level in the field. At the regional level, it was concluded that there is sufficient likely future employment of graduates of the program, if such graduates occur at the rate anticipated. However, this estimate can also be affected by the development of other regional programs. Accordingly, it is important that the appropriate entities cooperate toward the fulfillment of the regional program concept endorsed by faculty in the School of Nursing and the University of Washington.

The CPE recommended to the University of Washington Board of Regents that the Ph.D. in Nursing Sciences degree program be initiated. It also recommended that the program be viewed as a regional program and that the University, in cooperation with the staff of the Council and other appropriate organizations (WICHE) seek to develop arrangements by which other states in the Pacific Northwest may help support and participate in it.

| HEGIS Code | | State | Approved | Terminated | Adjusted |
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| 1203 | Nursing Sciences, Ph.D. (continued)<br><br>Program Status: On March 10, 1978, the Board of Regents conditionally authorized the School of Nursing to offer the Ph.D. program. Conditional approval applies only for a provisional period of five years. Authorization is to expire at the end of this time unless further action is taken to extend the period or to authorize the program on a continuing basis.<br><br>Initial operation--Fall 1978.<br>Anticipated degrees to be conferred first five years--12. Anticipated number of students to be accepted into program:<br><br>first year 8<br>second year 8<br>third year 8 | | | | |
| 1203 | Nursing, Ph.D.<br>University of Colorado, Medical Center, School of Nursing<br><br>Program Description: Specialties to be offered are Psychological Nursing, Psychosocial Nursing (with emphasis on patient education or gerontological nursing), and Nursing Care Delivery Systems.<br><br>Justification: Only 1500 of some 1 million nurses employed in the U.S. in 1976 held earned doctorates. The University of Colorado program, one of five in the West, will prepare researchers who can further develop nursing science in academic, institutional, and agency settings.<br><br>Program Status: Program approved for operation--June 1978.<br>Initial operation--Fall 1978. Anticipated degrees to be conferred first five years--25. Anticipated number to be accepted into program:<br><br>first year 8-10<br>second year 8-10<br>third year 8-10 | CO | X | | |
| 1214 | Public Health, Dr.P.H.<br>University of Hawaii (Manoa), School of Public Health<br><br>Program Description: This field of study is Public Health Practice with two major fields of emphasis: (1) Health Services Development, and (2) Personal and Community Health Maintenance and Promotion.<br><br>Justification: The School of Public Health at the University of Hawaii is the only accredited locus for professional public health preparation in the state and one of 19 in the country. Need is indicated by the increasing numbers of master's degrees in public health, and substantially increasing enrollments and applications for admissions. | HI | Under Consideration for Approval | | |

| HEGIS Code | | State | Approved | Terminated | Adjusted |
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| 1214 | Public Health, Dr.P.H. (continued)<br><br>Program Status: Under consideration for final approval. Program initiation--Fall 1978. No specified number of degrees in first five years. Anticipated number of students to be accepted into program in first three years:<br><br>first year 6<br>second year 10<br>third year 12 | | | | |
| ___ | Public Health in Epidemiology, Dr.P.H.<br>Loma Linda University, School of Health, Biostatistics and Epidemiology<br><br>Program Description: The Dr.P.H. program in epidemiology is designed to prepare individuals to do research and teach in the areas of epidemiology and biostatics or to practice epidemiology-oriented community health/preventative medicine.<br><br>Justification: The shortage of epidemiologists in the country is critical. The program is open to both nonphysicians and physicians (physicians involved in this program will be able to provide much needed help to health testing programs and other activities). The federal government is encouraging the training of this type of personnel through training grants for programs to alleviate the shortage of epidemiologists.<br><br>Program Status: Program has approval. Initial operation--Fall 1978. Anticipate three or four new students each year. | CA | X | | |
| 1299 | Mental Health, Doctor of Mental Health D.M.H.<br>University of California, San Francisco, Interdisciplinary<br><br>Program Description: This new approach to the training of mental health professionals involves a five-year sequence, the first two years of which is the Master's program in Health and Medical Science at Berkeley. The San Francisco segment will provide three years of clinical and related work. The program represents a new integration of academic and professional education, complemented by extensive clinical experience, in the training of mental health professionals.<br><br>Justification: No specific demand figures are available. Graduates will be fully qualified to practice in HMO's, Community Mental Health Centers, single or group practice, or for clinical, administrative, or teaching and research positions in health and educational institutions.<br><br>Program Status: Initial operation--Winter 1978. Anticipated number of degrees to be conferred in first five years--50. Anticipated number of students to be accepted into program:<br><br>first year 24<br>second year 24<br>third year 24 | CA | Approved--1976-77. To be Offered Initially--Winter, 1978 | | |

19

| HEGIS Code | | State | Approved | Terminated | Adjusted |
|---|---|---|---|---|---|
| 1400 | LAW | | | | |
| 1499 | Jurisprudence and Social Policy, Ph.D.<br>University of California, Berkeley, School of Law | CA | Approved--1976-77.<br>To be Offered<br>Initially--Winter, 1978 | | |
| | Program Description: Interdisciplinary and research oriented, this program focuses on the relationship between society and its legal system. It is designed to prepare scholars and teachers to study law as a basic social institution, to teach within the context of a liberal education and to deal with broad issues of social and legal policy.<br><br>Justification: No specific supply and demand estimates are available. Good possibilities for employment exist as teachers in undergraduate programs, staff members of governmental agencies, members of law school faculties.<br><br>Program Status: Winter of 1978. Anticipated number of students to be accepted into program:<br><br>first year 15<br>second year 20<br>third year 25 | | | | |
| 1500 | LETTERS | | | | |
| | English, Doctor of Arts<br>University of the Pacific, Graduate School | CA | | X | |
| | Program Description: The Doctor of Arts is a three-year program beyond the B.A. designed to train two- and four-year college teachers of English. The program attempts to integrate the teaching of literature, composition, and the aesthetics of film by means of a model centered in literary criticism and English language study. Program was initiated in Fall 1970.<br><br>Justification: Change in program was made by the English Department faculty and the decision was made by the Committee of Graduate Studies and Academic Affairs. No students accepted into program after Fall 1978. Last full year of operation 1978-79 with enrollment of five students. | | | | |
| 1503 | Comparative Literature, Ph.D.<br>University of Utah, College of Humanities, Departments of English and Languages/ Interdepartmental | UT | | X | |
| | Program Description: The study of literary works in contexts broader than those afforded by studies in a single literature course. It encourages direct relations between works; unconnected parallels; binary comparisons; studies of genre, period, and theme; relations among literary works, literature, and arts. Program was initiated prior to 1969. | | | | |

| HEGIS Code | | State | Approved | Terminated | Adjusted |
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| 1503 | Comparative Literature (continued) | | | | |

Justification: The termination was recommended by the University of Utah and authorized in May 1978 by the Utah State Board of Regents for the following reasons:

1. A limited student interest in the program.
2. Few faculty specialists at the University who are specialists in Comparative Literature.
3. A lack of agreement at the University as to what the program in Comparative Literature really is.

No new students will be accepted into the program after September 1978. Last full year of operation 1977-78 with enrollment of two students. Students in program will complete it.

21

1700 MATHEMATICS

____ Applied Mathematics, Ph.D. — CO — X
Colorado School of Mines

Program Description: This is applied mathematics in any of the mineral engineering fields (see 4904).

Reason for Adjustment: To fold all mathematics doctoral titles into single "applied" titles. No new programs or additional faculty courses are involved.

Program Status: The program was approved at the institutional level-- June 1978. State agency approval is expected by January 1979.

1900 PHYSICAL SCIENCES

1902 Applied Physics, Ph.D. — CO — X
Colorado School of Mines

Program Description: This is Applied Physics in any of the mineral engineering fields (see 4904).

Reason for Adjustment: To fold all physics doctoral titles into single "applied" titles. No new programs or additional faculty or courses are involved.

Program Status: The program was approved at the institutional level--June 1978. State agency approval is expected by January 1979.

| HEGIS Code | | State | Approved | Terminated | Adjusted |
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| 1905 | Applied Chemistry, Ph.D.<br>Colorado School of Mines<br><br>Program Description: This program is Applied Chemistry in any of the mineral fields (see 4904).<br><br>Reason for Adjustment: The reason was to fold all chemistry doctoral titles into single "applied" titles. No new programs or additional faculty or courses are involved.<br><br>Program Status: Approved at institutional level--June 1978. Final action by state agency expected by January 1979. | CO | | | X |
| ____ | Atmospheric Sciences, Ph.D.<br>University of Alaska, Fairbanks, College of Environmental Sciences, Division of Resources, Solar-Terrestrial and Atmospheric Sciences Program<br><br>Reason for Adjustment: The adjustment was made to delineate degree titles which are "more indicative of the specialties of our graduates than the traditional degrees in geophysics." Previous titles were either Geology or Geophysics. Both of these titles may still be used, but within the solid-earth context.<br><br>Program Status: Initial operation--Fall 1978. | AL | | | X |
| ____ | Space Physics, Ph.D.<br>University of Alaska, Fairbanks, College of Environmental Sciences, Division of Geosciences, Solar-Terrestrial and Atmospheric Sciences Program<br><br>Reason for Adjustment: This adjustment was made to delineate degree titles which are "more indicative of the specialties of our graduates than the traditional degrees in geophysics." Previous titles were either Geology or Geophysics. Both of these degree titles may still be used, but within the solid-earth context.<br><br>Program Status: Initial operation--Fall 1978. | AL | | | X |
| 2200 | SOCIAL SCIENCES | | | | |
| ____ | Sociology, Ph.D.<br>University of Nevada, Reno, College of Arts and Sciences, Sociology Department<br><br>Program Description: This program includes community, political, and industrial sociology, social stratification, ecology, leisure, and recreation.<br><br>Justification: Justification is based on student demand for program--15 per year--and demand for graduates by state agencies. | NV | X | | |

| HEGIS Code | | State | Approved | Terminated | Adjusted |
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| ____ | Sociology, Ph.D. (continued)<br><br>Program Status: Initial operation--Fall 1977. Anticipated degrees in first five years--6. Anticipated students to be accepted into the program:<br><br>first year 4<br>second year 4<br>third year 4 | | | | |
| 2214 | Urban Studies<br>University of Southern California, Center for Public Affairs, School of Urban and Regional Planning<br><br>Program Description: This interdisciplinary program offers advanced training in Urban Analysis with a wide range of options for specialization. Initiated--Fall 1968.<br><br>Justification: Insufficient faculty resources are available to sustain a quality program. It was terminated by Graduate and Professional Schools Committee action. No students accepted into program after Spring 1978. Last full year of operation 1977-78. Degrees conferred--32. | CA | | X | |
| 2300 | THEOLOGY | | | | |
| 2301 | Ministry (001120)<br>American Baptist Seminary of the West<br><br>No information about this program is available. | CA | X | | |
| 4900 | INTERDISCIPLINARY PROGRAMS | | | | |
| 4904 | Chemistry - Chemical and Petroleum Refining Engineering | | | | |
| 4904 | Chemistry - Geophysical Engineering | | | | |
| 4904 | Chemistry - Geophysics | | | | |
| 4904 | Chemistry - Metallurgical Engineering | | | | |
| 4904 | Chemistry - Metallurgy | | | | |
| 4904 | Chemistry - Mining Engineering | | | | |
| 4904 | Chemistry - Petroleum Engineering | | | | |
| 4904 | Chemistry - Petroleum Production | | | | |
| 4904 | Mathematics - Chemical and Petroleum Refining Engineering | | | | |
| 4904 | Mathematics - Geological Engineering | | | | |
| 4904 | Mathematics - Geology | | | | |
| 4904 | Mathematics - Geophysical Engineering | | | | |
| 4904 | Mathematics - Geophysics | | | | |
| 4904 | Mathematics - Metallurgical Engineering | | | | |

| HEGIS Code | | State | Approved | Terminated | Adjusted |
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| 4904 | Interdisciplinary Programs (continued) | | | | |
| 4904 | Mathematics - Metallurgy | | | | |
| 4904 | Mathematics - Mining Engineering | | | | |
| 4904 | Mathematics - Petroleum Engineering | | | | |
| 4904 | Mathematics - Petroleum Production | | | | |
| 4904 | Physics - Chemical and Petroleum Refining Engineering | | | | |
| 4904 | Physics - Geological Engineering | | | | |
| 4904 | Physics - Geology | | | | |
| 4904 | Physics - Geophysical Engineering | | | | |
| 4904 | Physics - Geophysics | | | | |
| 4904 | Physics - Metallurgical Engineering | | | | |
| 4904 | Physics - Metallurgy | | | | |
| 4904 | Physics - Mining Engineering | | | | |
| 4904 | Physics - Petroleum Engineering | | | | |
| 4904 | Physics - Petroleum Production | | | | |
| | Colorado School of Mines (all of the above) | CO | | X | |
| | Justification: The graduate faculty reported that ". . . dual-discipline programs. . . are misleading and cumbersome. The titles are not recognized by people outside of this campus community . . . Recommendations were to fold all of the chemistry and physics doctoral titles into single "applied" titles to eliminate all of the dual titles at the Master level, and to eliminate the dual titles associated with doctoral level mathematics. . ." Terminated by action of the graduate faculty and Board of Trustees. | | | | |
| 4999 | Individual Degrees, Ph.D.<br>Claremont Graduate School, Interdisciplinary Department | CA | | X | |
| | Program Description: Individually designed interdisciplinary programs under the supervision of the Individual Degrees Committee. The program was initiated December 15, 1975. | | | | |
| | Justification: This program did not meet the quality expectations of the faculty and the administration. The judgment, after some experience, is that such a program would attain high quality only on the basis of an immense amount of effort and monitoring and the merits did not justify this effort. Other programs at Claremont Graduate School are, in the main, reasonably individualized and flexible and there seemed, on reflection, to be no need for a specifically individual program. | | | | |
| | Terminated by action of the Graduate Council and faculty. No new students accepted into the program after July 1, 1977. Last full year of operation--1976-77. Fall enrollment--3; no degrees conferred. | | | | |

# PROJECT ON EXPANDING REGIONAL COOPERATION IN GRADUATE AND PROFESSIONAL EDUCATION

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Alaska Commission on Postsecondary Education

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California Legislature

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California Postsecondary Education Commission

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* Demonstration States Coordinating Committee also includes asterisked Advisory Council member from each demonstration state.